Work Ord October-29-13	2 1 1			*108	3709*							Page 1
Item ID: Revision ID:	D2932-2		A	Accept	*N90	<b>0040</b>	100	)*	Setup		*N:	S1*
Item Name:	206 Saddle R	ight Side								Stop	*N:	S2*
Start Date:	10/29/13	Start Qty: 4.00	*4*		Cust Item							
Required Date: Reference:	. 10/29/13	Req'd Qty: 4.00	*4*		Custome	r:			_	G		
Approvals:	Process Pl	an: MC5	Date: /3-//-01	Tooling:		Date:				Start	*N!	R1*
	QC:		Date:	<b>SPC (Y/N):</b>		Date:				Stop	*NI	R2*
Sequence ID/ Work Center I	<b>D</b>	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Pian Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr		··· · · · · · · · · · · · · · · · ·								
D2932	Re	v C										
100 *100* HAAS 1	Ž.	HAAS CNC VERTICAL	MACHINING #1	0.00				4	Ø	<b>/</b>		SA 13-11-0
HAAS CNC vertica	al machine #1	Program part number are p inspect as pe	number and batch number. programmed correctly 2-Mar r dwg D2932 & attached Di visually inspect as per	chine Step No 1 of Fol	io and visually							
110				0.00								:0
*110* Mill Conv		CONVENTIONAL MILI  Memo	ING MACHINE	0.00				4	Þ	<del>-</del>		ld 13-11-0
Conventional Milli	ng Machine		yway and inspect per attache							•.		
120		OCI Inchest dimensions	to dimension sheet	0.00								

0.00

Memo

Quality Control

NCR:	Yes	1	No
		,	

											DQA:	Date:	
NCR: Y	es / I	No				WORK ORDER NON-	CON	NFORM	/ANCE / UP	PDATE	QA Closed:	Date:	
Vork Orde	÷.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N	o					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root		<u> </u>			Descri	ption of work order update		nitial		ction	Sign &		
Cause	Da	te :	Step	Qty		or Non-conformance	- 1	ief Eng		cription	Date	Verification	QC Inspector
oc/Data quip/Tooling perator faterial etup other rocess upplier raining								T CATE	CODY				
•							FAUL	T CATE	<del>JORY</del>				
Landi	Crac Crus Cuff Heat Insp	re Not ks hed/Cri  Treat ection S les in B	imped Strip in end			General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	on Incomplete ions Incomplete, enance eled	/Unclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	Torq	ue Wav	ves in E	xtrusio	า	Drawing	- 1	Out of (	Calibration				

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Finish Folio

Work Orde				*108709*								
Revision ID:	D2932-2	<u> </u>		Accept	*N900	04010	<b>n</b> * s	Setup Start	ı V	S1*		
	206 Saddle Ri 10/29/13 10/29/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item II Customer:	D:		•	"Ni	S2*		
Approvals:		in:		<del>-</del>	Da	te:		Run Star Stop	"	R1* R2*		
Sequence ID/ Work Center II 130 *130* QC Quality Control	)	Operation Description QC8- Inspect parts - second	ond check	Set Up/ Run Hours 0.00	Tool ID	Tool # Plan Code		Reject Qty	Reject Number	Insp. Stamp		
*140 *140* HandFinish Hand Finishing		Chemical Conversion Co	oat per QSI005 4.1	0.00			21	Ø	CF	<u>13-11-</u> 1		
150 *150*		White Gloss(Ref.4.3.5.1	) per QSI005 4.3-Alum	0.00			4	6 1	3-11-12	DAS 34 \$89		

0.00

OVEN TEMPERATURE:

Memo

SZART PIME:

FINISH TIME:

150

\*150\* Powdercoat

Powder Coating

										DQA:	Date:	<b>*</b>
NCR:	⁄es	/ No				WORK ORDER NON-C	ONFOR	MANCE / UPI		QA Closed:	Date:	
Work Orde	er:					DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part I	- . olv					Rework Scrap Use-as-is Work Order Update		Skid-tube  Machining  moforming  Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update	Initial	Act	ion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Chief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup			ļ									
Other						<i>:</i>						
Process	П		1									
Supplier				İ								

## **FAULT CATEGORY Landing Gear** General Bending Bend Grain Ovalized Pressure/Forced Centre Not Concentric to O/S BOM/Route Hardware Over/Under tolerance Temperature/Cure Broken/Damaged Inspection Incomplete Cracks Part Incorrect Weld Crushed/Crimped Burrs Instructions Incomplete/Unclear Part Lost/Missing Wrong Stock Pulled Cuffs Contamination Maintenance Part Moved Mislabeled Positioned Wrong Heat Treat Countersink Inspection Strip in Tube Power Loss/Surge Other Cut Too Short Misread Ripples in Bend Drill Holes Offset Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence Folio Wave/Twist in Tube Outside Dimensions

Training Unapproved

Work Ord October-29-13		8709			*108	370	9*							Page 3
Item ID: Revision ID: Item Name:	D2932-2 206 Saddle R	ight Side		A	ccept	*\	1900	<b>040</b>	100	)*	Setup	Start Stop	*N: *N:	S1* S2*
Start Date: Required Date Reference:	10/29/13 : 10/29/13	Start Qty: 4.00 Req'd Qty: 4.00		*4* *4*			Cust Item II Customer:	D:						
Approvals:		an:	Date:		Tooling: SPC (Y/N):			ite:			Run	Start Stop	"	R1* R2*
Sequence ID/ Work Center I 160 *160* QC Quality Control	ID	Operation Description QC3- Inspect Part Finish Memo			Set Up/ Run Hours 0.00 DAS 27 9-89	12	Tool ID	Tool#	Plan Code	Accept Qty	t Re Qt		Reject Number	Insp. Stamp
*1.70* Packaging Packaging		Identify as per dwg & Sto	ock Location	31/37	0.00					41			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	B-11-12  DAS: 26
*1 An* QC Quality Control		QC21- Final Inspection -	- Work Order F	Release	0.00					—_ <b>∧</b>	トクフ		<u> </u>	9 <b>.89</b> -11-13

DQA:	Date:	
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NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

											QA Closed:	Dat	e:
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
Part N	lo					Rework Scrap Use-as-is Work Order Update		Thern	Skid-tube  Machining  noforming  Large Fab	Crosstube Small Fab Finishing Composite	-1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update	I	nitial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data													
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Operator													
Material			·										
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Other													
Process	Ш												
Supplier													
Training							1						
Unapproved				<u> </u>			<u> </u>						
							AUL	T CATE	GORY				
Landii					_	General		1		_	,	r	<del></del>
	_	ending			<u> </u>	Bend		Grain		_	Ovalized		Pressure/Forced
	—		t Concer	ntric to	o/s	BOM/Route	$\vdash$	Hardwa	-		Over/Under	<del> -</del>	Temperature/Cure
	⊢	acks			ļ	Broken/Damaged		1	ion Incomplete	<u> </u>	Part Incorred	j-	Weld
	$\blacksquare$		Crimped		<u> </u>	Burrs	<u> </u>	•	ions Incomplete/	Unclear	Part Lost/Mi	ssing _	Wrong Stock Pulled
	Н	ıffs			<u> </u>	Contamination		Mainte			Part Moved		
	⊢	eat Trea			_	Countersink	<u> </u>	Mislabe			Positioned V		
	—	•	Strip in	Tube	<u> </u>	Cut Too Short		Misread	i		Power Loss/	Surge	Other
		pples in				Drill Holes	<u> </u>	Offset					
	$\boldsymbol{\vdash}$	•	aves in E		n	Drawing	L	4	Calibration				
	$\vdash$	_	equence		oxdapsilon	Finish	<u></u>	4	Sequence				
	1  w	ave/Tw	ist in Tuk	oe e	i	Folio	1	Outside	Dimensions				

October-29-13 9:51:43 AM

Work Order ID:

108709

Parent Item:

Comments:

D2932-2

Parent Item Name:

206 Saddle Right Side

IPP: B00.06.26New DWG rev (mpp 2069)EC IPP Rev:C As per Rev C 07-03-19 JLM

**Start Date:** 10/29/13

Required Date: 10/29/13

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>D6101-003</b> Saddle Billet, 7075		Manufactured	No	z		100	Each	7.0000	1	4			
				<b>Location</b>		Loc Qty	<u>Lo</u>	c Code					
				MAT042		1							
				103:	592	1							
				MAT045		6							
				975	63	6							
					16	98298	XY		onl 1	3/11/0	le		

NCR: Y	es /	No				WORK ORDER NON-	CO	NFORN	AANCE / UPDATE				_	
						•					QA Closed:	D	ate:	
Work Orde	r.					DISPOSITION			AGAINS	T DE	PARTMENT	/PROCESS		
Part N NCR N	lo					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Crosstube Machining Small Fal noforming Finishin Large Fab Composite	b g		Water Je d. Eng. Coor re/Packaging Supplie		Engineering Quality Other
Root					Descri	ption of work order update		Initial	Action		Sign &			•
Cause		ate	Step	Qty		or Non-conformance	Cl	nief Eng	Description		Date	Verification	on	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved							FAU	LT CATE	GORY					
Landin	ng Gea	r				General								
	Bei Cra Cra Cru He Ins	nding ntre No acks ushed/offs at Trea pection	n Strip in Bend	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	on Incomplete ions Incomplete/Unclear nance led		Ovalized Over/Under Part Incorre Part Lost/Mi Part Moved Positioned V Power Loss/	ct issing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
1 1	10	rque W	aves in E	extrusio	n	Drawing	- 1	JOUT OF C	Calibration					

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

DART AEROSPACE LTD	Work Order:	108709
Description: 206 Saddle, Outboard, Right side	Part Number:	D2932-2
Inspection Dwg: D2932 Rev. C		Page 1 of 1

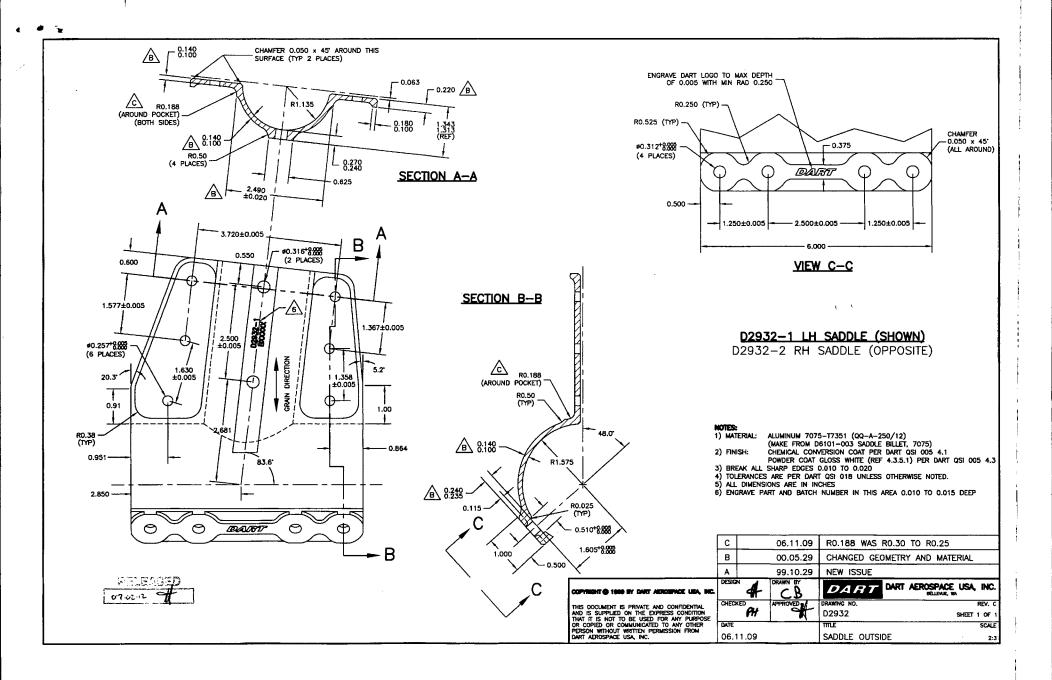
Inspect dimensions highlighted on inspection sheet drawing D2932 Rev. C and record below:

				Re	corded Actu	ıal Dimensio	ons		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.100	0.140		-119	0117	.117	راان ا		
В	0.100	0.140		0119	.120	.118	.118		
С	0.100	0.140		0118	1186, 222	1117	,118		
D	0.210	0.230		-226	.222	.221	.222		
E	1.245	1.255		1.249	1249	1.249	1.249		
F	1.245	1.255		1.249	1.249	1.249	1.249		
G	2.495	2.505		2.498	2.498	2498	2.498		
Н	0.510	0.515		e512	0512	.512	,512		
ı	1.572	1.582		1.576	1.576	1.576	1.576		
J	2.495	2.505		2.498	2.497	2.497	2.498		
K	0.257	0.262		.259	,259	. 259	.259		
L	0.312	0.317		e314	. 3/4	314	.314		
М	0.235	0.240		. 234	· 237	, 237	·237		
N	0.100	0.140		124	4121	.123	.123		
0	0.540	0.560		e548	,548	,548	4548		
Р	0.490	0.510		04995	2501	,4985	, 499	,	
Q	3.715	3.725		3.719	3.719	3.719	3.719		
R	2.470	2.510		2.490	2.490	2.490	2.490		
S	0.240	0.270		\$252	.250	, 250	.251		
Т	0.100	0.180		6/35	.135	.135	.135		
U	1.625	1.635		1.629	1.629	1.629	1.629		
V	1.362	1.372		1.366	1.366	1.344	1.366		
W	0.316	0.321		J316	316	- 316	.316		
Χ	1.125	1.145		1.1344	1.1349	1.136	1.136		
Υ	1.565	1.585		1.5744	1.574	1.575	1.575		
Ζ	0.178	0.198		.188	188	.188	188		
AA					-				
AB									
AC									
AD					<u> </u>				
ΑE									
AF									
AG									
AH									
	Acc	ept/Reje	ct						

	DV	
Measured by:	33	Audited by F.t.
Date:	13-11-07	Date: 13/1/10

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	·
В	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	1
C	07.03.21	Revised per drawing revision C	KJ/JLM A	

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